Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-68. (Cancelled)

69. (Currently amended) An agent for treating pain comprising a modified clostridial neurotoxin, wherein the modified clostridial neurotoxin is obtained by removing or modifying an H_c domain of a native clostridial neurotoxin to form an intermediate clostridial neurotoxin and covalently coupling ~~or recombinantly fusing~~ substance P to the intermediate clostridial neurotoxin so that the modified clostridial neurotoxin no longer binds to neurotoxin receptors at a neuromuscular junction with the same affinity as the native clostridial neurotoxin.

70. (Previously presented) The agent of claim 69 wherein the clostridial neurotoxin is obtained from an organism selected from the group consisting of Clostridial beratti, Clostridial butyricum, Clostridial botulinum and Clostridial tetani.

71. (Previously presented) The agent of claim 69 wherein the clostridial neurotoxin is a botulinum toxin selected from the group consisting of serotype A, serotype B, serotype C_1, serotype D, serotype E, serotype F and serotype G.

72. (Previously presented) The agent of claim 69 wherein the clostridial neurotoxin is botulinum toxin serotype A.

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73. (Previously presented) The agent of claim 69 wherein the clostridial neurotoxin comprises an H_N and an L chain.

74. (Previously presented) The agent of claim 73 wherein the H_N is obtained from an organism selected from the group consisting of Clostridial beratti, Clostridial butyricum, Clostridial botulinum and Clostridial tetani.

75. (Previously presented) The agent of claim 73 wherein the L chain is obtained from an organism selected from the group consisting of Clostridial beratti, Clostridial butyricum, Clostridial botulinum, and Clostridial tetani.

76. (Previously presented) The agent of claim 73 wherein the H_N is obtained from a botulinum toxin selected from the group consisting of botulinum toxin serotype A, serotype B, serotype C_1, serotype D, serotype E, serotype F and serotype G.

77. (Previously presented) An agent for treating pain comprising a botulinum toxin, without an H_c that binds to receptors at the neuromuscular junction with the same affinity as native botulinum toxin, covalently coupled to substance P.

78. (Previously presented) An agent for treating pain comprising a botulinum toxin serotype A, without a functional H_c domain, covalently coupled to substance P.

79. (Previously presented) An agent for treating pain comprising a botulinum toxin covalently coupled to substance P, wherein an H_c of the toxin has been removed.

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80. (Previously presented) An agent for treating pain comprising a botulinum toxin serotype A covalently coupled to substance P, wherein an H_c of the toxin has been removed, the agent treats pain by acting on a projection neuron.

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